

### Amendments to the Claims

This listing of the claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A method of semantically representing a target, semantic object representing an entity or tacit information, the method semantic object comprising:

representing a set of attributes of the target with a set of semantic meta-tags, describing attributes of the entity or tacit information, including relationship to other semantic objects, wherein a type of the target is one of a to physical entity, or a software entity, and an intangible entity; objects, or to information existing in the mind of a human being; and

representing at least one of the set of attributes with metadata associable with at least one of the set of meta-tags;

wherein one or more of the metadata and the at least one of the meta-tags are definable with an ontology;

Rules embodying goals, automation and other policies regarding at least on of: how the semantic object (i) interacts with, (ii) is manipulated by, and (iii) is displayed to human beings and automatic processes;

wherein the target is identifiable via in a semantic object can be searched using one or more of the at least one of the semantic meta-tags and the metadata associated with the target.

contained in the semantic object, the meta data being paired with the semantic tags and wherein the semantic tags can be extended by an owner of the semantic object and shared over a network.

2. (Canceled)

3. (Currently Amended) A The method of claim 1, further comprising, a method for, documenting information, the method comprising:

creating ~~a semantic card~~ the semantic object that is configured to represent resource information or tacit information, the semantic ~~card~~ object comprising tags for identifying semantic information, and rules regarding at least one of: how the semantic ~~card~~ object (i) interacts with, (ii) is manipulated by, and (iii) is displayed to human beings and automated processes;

seeking to detect an information resource containing information that can be represented by the semantic ~~card~~ object; and

if the information resource is found, linking the semantic ~~card~~ object to the information resource such that the semantic ~~card~~ object represents the information resource, wherein the semantic ~~card~~ object is also configured to have a link to or from any number of other semantic ~~cards~~ objects.

4. (Currently Amended) The method of claim 3, wherein the information resource is found, the method further comprising providing the semantic ~~card~~ object with meta data about the information resource.

5. (Currently Amended) The method of claim 3, wherein the information resource is not found, and wherein the semantic ~~card~~ object represents the tacit information.

6. (Currently Amended) The method of claim 3, wherein the semantic ~~card~~ object is created before seeking to detect the information resource.

7. (Currently Amended) The method of claim 3, wherein the information resource is detected before creating the semantic ~~card~~ object.

8. (Previously Presented) The method of claim 7, wherein the information resource is detected upon the information resource being published.
9. (Currently Amended) The method of claim 8, wherein any entity that publishes the information resource triggers the creation of the semantic ~~card~~ object.
10. (Cancelled)
11. (Cancelled)
12. (Cancelled)
13. (Currently Amended) The method of claim 11, further comprising linking the semantic ~~card~~ object to at least one of the other semantic ~~card~~ object in the library.
14. (New) The method of claim 1, wherein the physical entity comprises, one or more of, a living organism, a person, a place, an organization, a corporation, an object, a physical item, a processor, a machine, a natural entity, and an artificial entity.
15. (New) The method of claim 1, wherein the software entity comprises, one or more of, a document, an email, an address book entry, a message, an instant message, a query, a discussion thread, a posting, an XML message, a file, a directory, multimedia content, a website, a web-page, a blog, and a data record.
16. (New) The method of claim 1, wherein the intangible entity comprises, one or more of, a relationship, an interaction, a link, a semantic relationship, a keyword relationship, a personal relationship, a connection, a transaction, an event, a type of activity, knowledge, content, an idea, and a concept.

17. (New) The method of claim 1, wherein the set of meta-tags are associated with a semantic representation of the target.
18. (New) The method of claim 17, wherein the set of meta-tags are determined based on the type of the target.
19. (New) The method of claim 1, wherein the set of attributes of the target comprises, rules regarding one or more of, interaction with the target, manipulation of the target, and presentation of the target.
20. (New) The method of claim 17, wherein the semantic representation is one or more of, machine-readable and human-readable.
21. (New) The method of claim 1, wherein the metadata is user-specifiable.
22. (New) The method of claim 1, wherein the metadata is retrievable on-demand.
23. (New) The method of claim 22, wherein the metadata is machine-specifiable.
24. (New) The method of claim 23, wherein the metadata is modifiable.
25. (New) The method of claim 1, wherein the metadata represents one or more of, a link to second target having a first identified relationship matching one of a predetermined set of relationships and a link from a third target having a second identified relationship matching one of the predetermined set of relationships.

26. (New) The method of claim 25, wherein one or more of the first identified relationship and the second identified relationship is detected from a user triggered event.

27. (New) The method of claim 25, wherein one or more of the first identified relationship and the second identified relationship is user-specified.

28. (New) The method of claim 17, wherein the metadata provides data about the structure of the semantic representation.

29. (New) A computer-readable medium having stored thereon a data structure representing a semantic object having a plurality of fields, the semantic object data structure comprising:

- a set of tag fields of the plurality of fields determined by a type of the semantic object, the set of tag fields representing a set of attributes associated with the semantic object;

- a set of metadata fields of the plurality of fields associated with the first set of tag fields, wherein a value of a metadata entry of the set of metadata fields specifies a particular attribute of the set of attributes of the semantic object; and

- wherein the value of the metadata entry is one or more of, user-specifiable and machine-definable.

30. (New) The semantic object data structure of claim 29, further comprising, an identifier field of the plurality of fields to uniquely identify the semantic object.

31. (New) The semantic object data structure of claim 29, wherein, the metadata entry of the set of metadata fields represents a pre-determined relationship of the semantic object to another semantic object.

32. (New) The semantic object data structure of claim 29, wherein, the set of attribute associated with the semantic object comprise, one or more of, an access permission attribute, a display attribute, intellectual content attribute, of the semantic object.

33. (New) The semantic object data structure of claim 29, wherein, a tag entry of the set of tag fields is definable in an ontology.

34. (New) The semantic object data structure of claim 29, wherein, the value of the metadata entry of the set of tag fields is definable in the ontology.